

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM011023-01)

Release Date: 10/01/2025

Re-test Date: 09/01/2028

## Meclizine Related Compound B

### Identification

**Chemical Name :**

1-[(4-Chlorophenyl)(phenyl)methyl]-4-(2-methylbenzyl)piperazine dihydrochloride

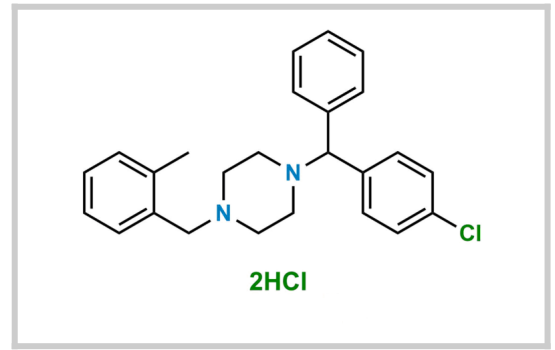
**Alt. Name** : Isomeclizine

**CAT No.** : KMM011023

**CAS No.** : Not Available

**Molecular Formula** : C<sub>25</sub>H<sub>27</sub>ClN<sub>2</sub> : 2HCl

**Molecular Weight** : 391 : 2(36.5)



### Analytical Information

**Batch No.** : M011023-091-131

**Description** : White Solid

**HPLC Purity** : 97.46 %

**Weight Loss By TGA** : 2.33 %

**% Potency** : 95.19 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 2.33(Weight Loss By TGA)] x [97.46(HPLC Purity)]/100 = 95.19 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		11/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		11/01/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA